

line 8, delete "is to say an apparatus";

line 14, delete ","; after "and" insert --,--; and after "thus" insert --,-

line 16, delete "itself" and "its"; and replace "the" with --a--;

line 17, replace "flank" with --edge of a clock signal--;

line 22, replace "which" with --that--;

line 23, delete "(may)";

line 24, replace "is" with --that--;

line 25, delete "when said events";

line 27, replace ", to be" with --(or--;

line 28, replace "precise" with --precisely--;

line 29, replace "," with --)---;

line 31, replace "that" with --an--; and

line 32, replace "this" with --the--.

On page 2:

line 2, replace "flank" with --edge--;

line 8, replace "However, generally," with --Generally, however,--;

line 16, replace "allow this to be achieved when" with --achieve
immediate reaction to asynchronous event--;

line 17, replace "using" with --in--;

line 19, replace "have to" with --most--;

line 20, delete ",";

line 22, replace "at the same time" with --simultaneously--;

line 26, replace "way" with --manner--;

line 29, replace "it" with --the system--;

after line 31, as a separate line before line 32, insert the following
heading: --SUMMARY OF THE INVENTION--;

line 32, replace "the" (second occurrence) with --an--;
line 33, replace "the" (first occurrence) with --an--; and replace
"according to the" with --that--;
delete line 34; and
5 line 35, replace "is possible to react" with --reacts--.

On page 3:

replace lines 1-9 with the following paragraph:

10 --This and other objects are achieved according to an aspect of
the present invention utilizing an advanced calculation device that
calculates the responses of the synchronous system to possible
asynchronous events in advance, and a switching device that selectively
passes on the output signal from the advanced calculation device or the
output signal from the synchronous system.--;

15 line 10, replace "In consequence," with --As a result,--;
line 11, replace "very" with --essentially--;
line 12, delete "largely";
line 18, replace "means that" with --affords--; and replace "can in
fact" with --the ability to--;
20 line 23, delete " ,";
line 24, replace "before said event occurs." with --of the event
occurrence.--;

replace lines 25-34 with the following paragraphs and headings:

25 --Additional advantages and novel features of the invention will
be set forth, in part, in the description that follows, and in part, will
become apparent to those skilled in the art upon examination of the
following or may be learned by practice of the invention. The advantages
of the invention may be realized and attained by means of the

instrumentalities and combinations particularly pointed out in the appended claims.

BRIEF DESCRIPTION OF THE DRAWINGS

The single Figure shows, schematically, an apparatus according to an embodiment of the present invention for immediately outputting the response of a synchronous system to an asynchronous event.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS--;

line 36, replace "text" with --description--; and

line 37, replace "which" with --that--.

On page 4:

line 1, delete " , ,";

line 2, delete " , ,";

line 4, before "that" insert --such--;

line 12, replace "which" with --that--;

line 14, replace "flank" with --edge--;

line 18, replace "said flipflop: this" with --flipflop. This--;

line 22, replace "said" with --the--;

line 23, delete " , of course ,";

line 27, replace "said" with --the--;

line 29, replace " , with the" with -- The--; and replace "being" with --is--;

line 31, delete " , ,";

replace line 32, with -the switching device is designed to

optionally and selectively pass on--;

line 35, delete " , optionally and selectively";

line 37, replace "where the" with --with a--; and

line 38, delete "is denoted by the".

On page 5:

line 1, delete "reference symbol"; and replace "device by" with --
unit--;

line 2, delete "the reference symbol"; and delete "by the";

5 line 3, delete "reference symbol";

line 9, before "2" insert --unit--;

line 15, replace "; the" with --. A--;

line 17, after "signals" insert --E1, E2--;

line 18, after "is" insert --, --; and after "time" insert --, --;

10 line 19, replace "; if" with --. If--;

line 28, replace "device" with --unit--;

line 29, replace ", that is to say even" with --(i.e.,--;

line 30, replace "; if" with --). If--;

line 31, replace "can" with --may--;

15 line 32, delete ","; and after "can" insert --, --;

line 33, after "time" insert --, --;

line 34, delete "if required";

line 35, delete "and"; and

line 37, replace "it" with --the switching device--.

On page 6:

20 line 3, replace "device" with --unit--;

line 4, replace "; the" with --. The--;

line 5, replace "which" with --that--;

line 7, replace "just" with --merely--;

25 line 9, after "time" delete ",";

line 14, delete "in fact";

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line 19, replace "device" with --unit 2--;
line 21, after "system" insert --1--; and replace "it" with --the
response--;

5 line 23, replace "said" with --the--;
line 27, replace "device" with --unit--;
line 32, delete ",";
line 33, delete ","; and
line 35, after "system" insert --1--.

On page 7:

10 line 1, after "early" insert --so--;
line 3, delete ",";
line 4, delete ",";
line 5, delete ","; before "before" insert --(i.e.,--; and after "occur"
insert --)--;

15 line 8, delete ",";

replace line 9, with the following: } signals the event may, in this
case, also be used solely as a--;

line 10, delete "means of"; and delete ", for example,";
line 11, after "system" insert --, for example--;
20 line 13, after "device" insert --3--; and delete "its";
line 15, replace "The" with --It is noted that the above--;
line 16, delete "being dependent on";
line 17, replace "; any" with --. Any--; and delete "(";
line 18, delete ")";

25 line 21, after "The" insert --above--;
line 22, delete "in the example described above"; and replace "it"
with --the apparatus--;

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